

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-139370

(43)Date of publication of application : 30.05.1995

(51)Int.Cl.

F02C 3/22

C10L 3/06

(21)Application number : 05-289403

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(22)Date of filing : 18.11.1993

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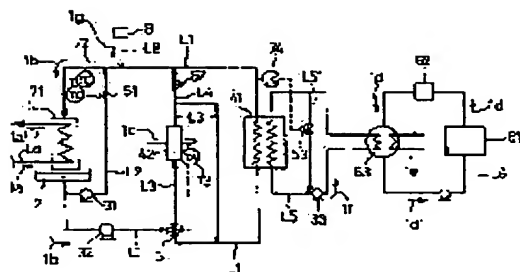
SHINKAI KOICHI

(54) METHOD AND DEVICE FOR GASIFYING AND FEEDING LIQUEFIED NATURAL GAS

(57)Abstract:

PURPOSE: To prevent discharge of cooling discharge water to sea, to prevent the occurrence of closure of a piping owing to adhesion and growth of organisms on a pipe wall, further to suppress corrosion of a heat transfer pipe, and additionally to prevent lowering of a combustion gas turbine output owing to the increase of an atmospheric temperature during a summer season.

CONSTITUTION: A steam turbine 62 mechanism is provided with a condenser 63 mechanism to restore steam after use to water. A carburetor 1 is provided to heat-exchange Liquefied natural gas 1a fed from the outside of a system with a first heating medium 1b circulating a first circulation route L1 formed in



the system to gasify the liquefied natural gas 1a into natural gas 1a' for fuel. A first heat-exchanger 41 is located in a first circulation route L1. A second circulation route L5 through which a second heating medium 1f is circulated is formed between the first heat-exchanger 41 and the condenser 63 and heat-exchange of steam 1d fed to the condenser 63 through the second heating medium 1f with the first heating medium 1b fed to the second heat-exchanger 41 is practicable.